

Title (en)

Process for manufacturing welded steel plate panels

Title (de)

Verfahren zum Herstellen geschweisster Stahlblechplatten

Title (fr)

Procédé de fabrication de panneaux de tôles d'acier soudés

Publication

EP 0813929 B1 20020508 (DE)

Application

EP 97109438 A 19970611

Priority

DE 19624776 A 19960621

Abstract (en)

[origin: EP0813929A1] A method of producing laser or electron beam welded steel sheets from stamped sections with non-linear weld seams, involves (a) press-forming shallow domes into one or more of the sections before stamping; (b) arranging the sections in pairs; and (c) pressing the domes against a support so that the welding edges of these sections adjoin the edges of another section. Preferably, the assembled edges are initially tack welded and then seam welded by a laser. When a plate of three or more parts is to be produced, at least two sections with preformed domes are preferably provided for correcting shape errors of the welding edges.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

CN112278629A; CN1311948C; EP3417983A1; CN109093272A; US11364569B2; US11833612B2

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